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FILING DATE	GROUP				
Takayuki TAMURA et al.					
APPLICANT					
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ATTY. DKT. NO.	SERIAL NO.				

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Examiner Initial		er	Document Number	Date	Name	Class	Subclass	Filing Date
		AA	5,859,804	01/1999	Hedberg et al.	\_ ··-		
		AB	6,058,047	05/2000	Kikuchi			
		AC	5,920,515	07/1999	Shaik et al.			
		AD	6,542,405	04/2003	Katayama et al.		-	
		AE	6,426,893	07/2003	Conley et al.			<del></del>
m	20	AF	2004-0022249-A1	05/2004	Katayama et al.			
		AG						
		AH						
		Al						

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation/Abstract	
mitiai						Yes	No
LA						-	
AK							
AL							
AM							
AN					***************************************		
AO							
AP							
AQ				_			
AR							
AS							
AT							
AU							ŀ
AV							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AW		
AX		
AY		
xaminer	A. China	Date Considered
Thung	My Ching	2/4/05